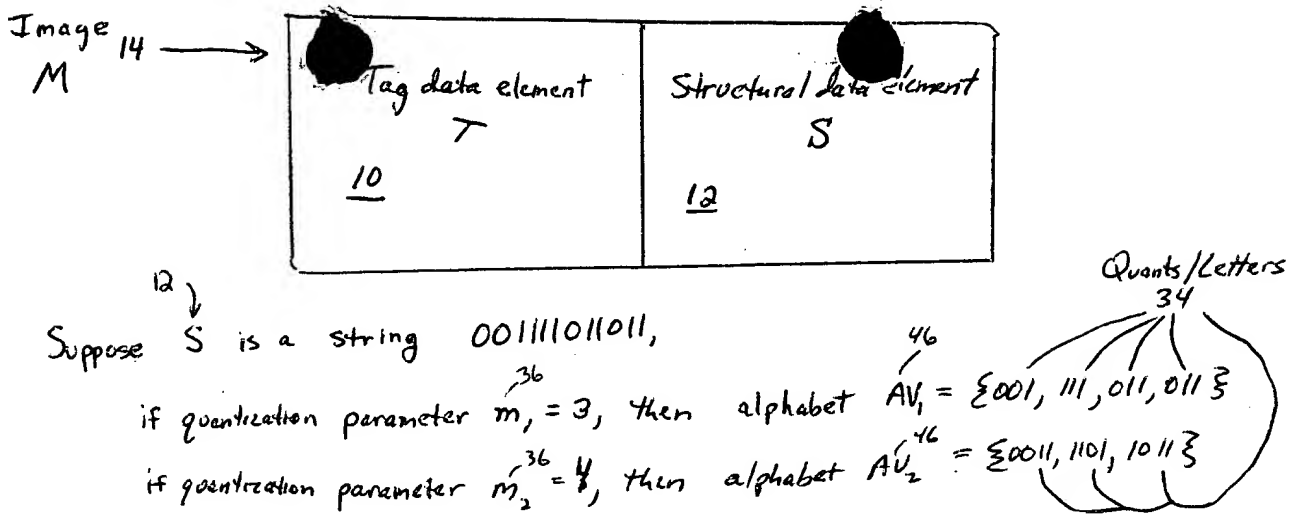


FIGURE 1

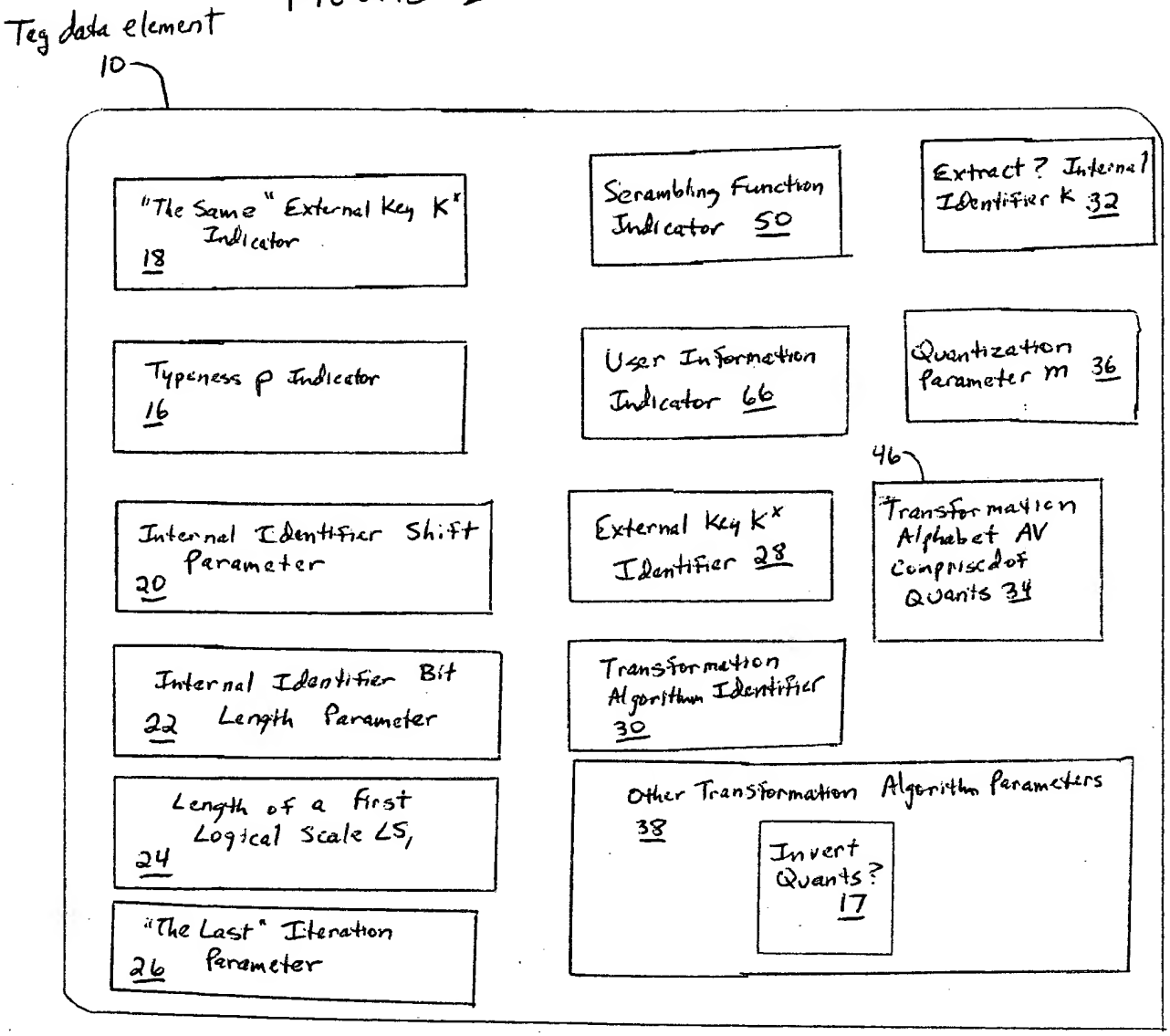


FIGURE 2

TOSOTO 95n9S260

$AV'_n \in AV_n$, where n = 1,2,…, P **13**

$AV'_n = f\{m_n, M_n\}$, where m is quantization parameter

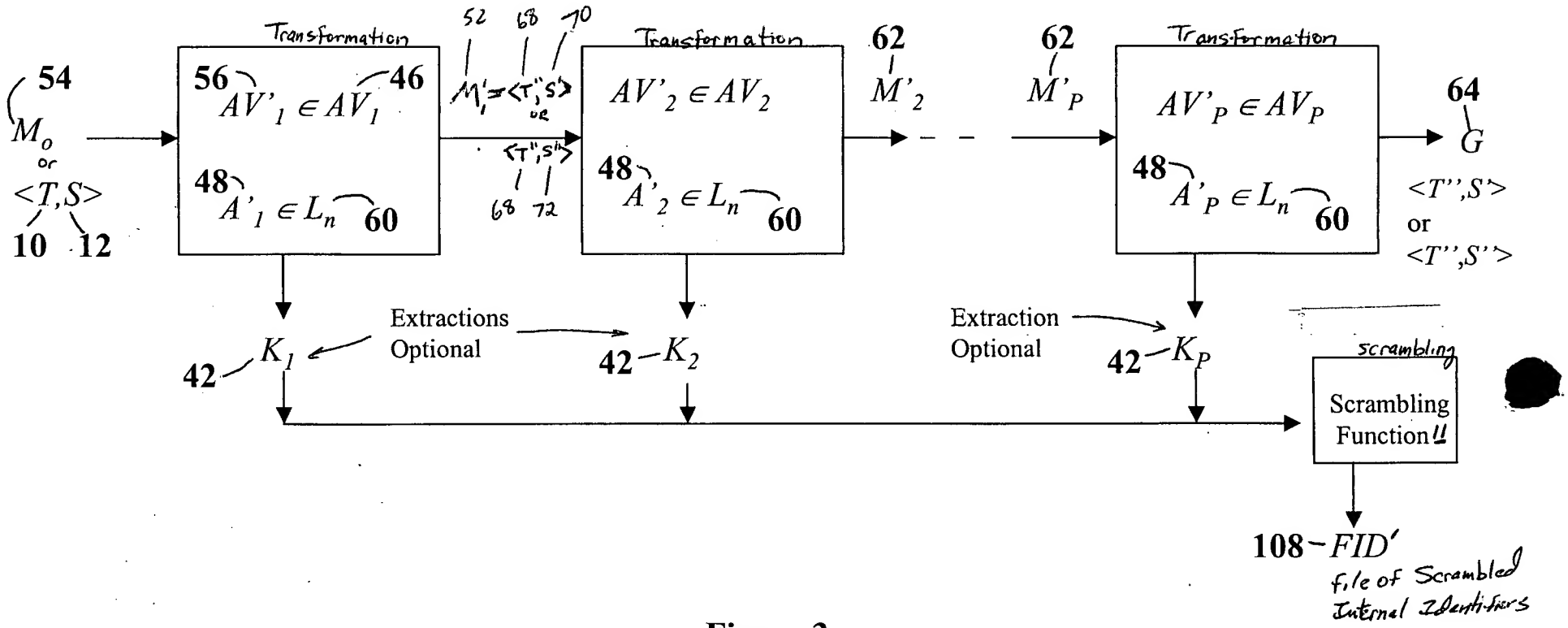
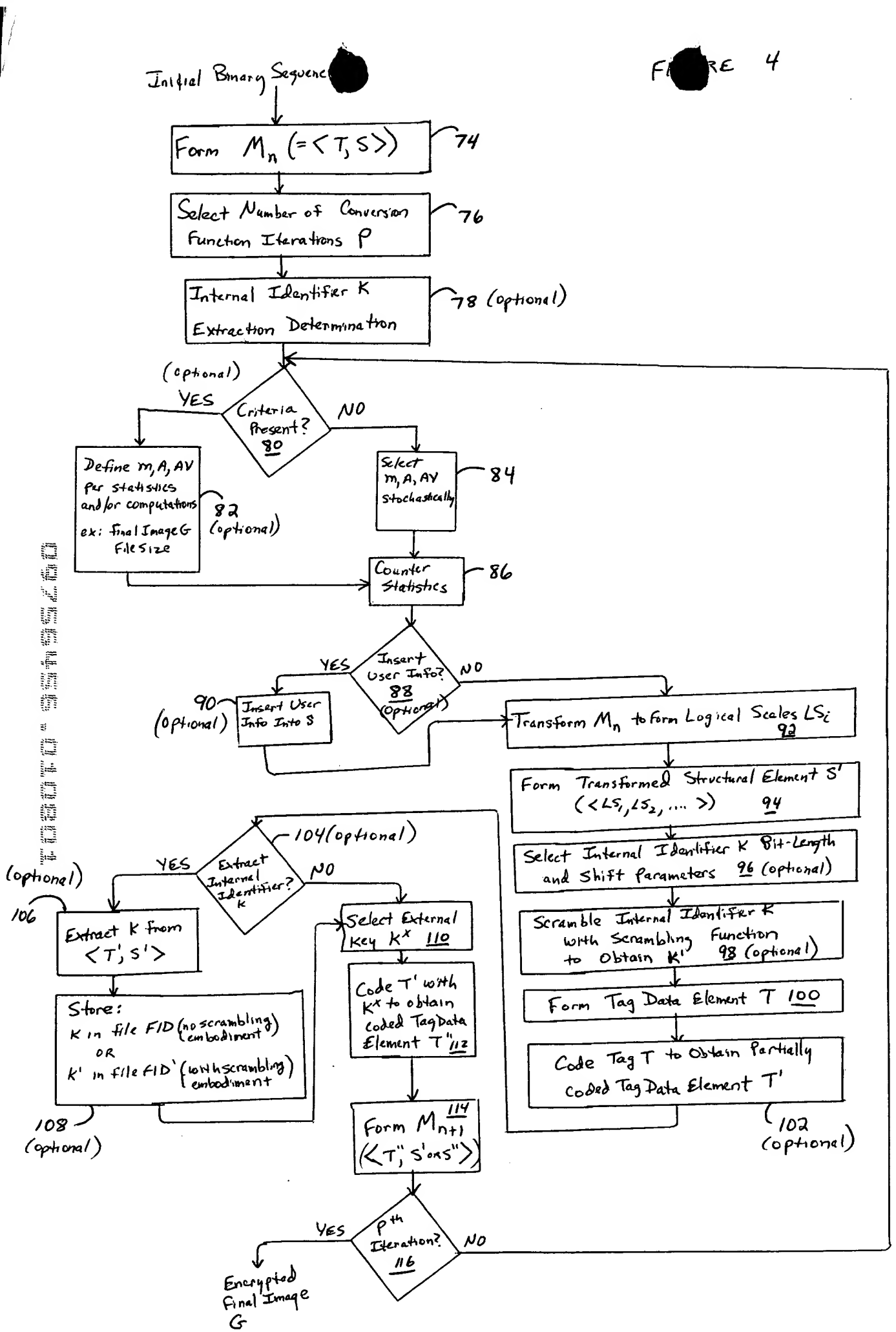


Figure 3


Initial Binary Sequence
Form M_n (=<T, S>)
74
Select Number of Conversion Function Iterations P
76
Internal Identifier K Extraction Determination
78 (optional)
(optional)
YES
Criteria Present? 80
NO
Define m, A, AV per statistics and/or computations ex: final Image G File Size
82 (optional)
Select m, A, AV Stochastically
84
Counter Statistics
86
YES
Insert User Info? 88 (optional)
NO
90 (optional)
Insert User Info Into S
Transform M_n to form Logical Scales LS_i 92
Form Transformed Structural Element S' (<LS_1, LS_2, ...>) 94
Select Internal Identifier K Bit-Length and Shift Parameters 96 (optional)
Scramble Internal Identifier K with Scrambling Function to Obtain K' 98 (optional)
Form Tag Data Element T 100
Code Tag T to Obtain Partially Coded Tag Data Element T'
102 (optional)
104 (optional)
Extract Internal Identifier? K
YES
NO
(optional)
106
Extract K from <T', S'>
Store:
K in file FID (no scrambling embodiment)
OR
K' in file FID' (with scrambling embodiment)
108 (optional)
Select External Key K^x 110
Code T' with K^x to obtain coded Tag Data Element T" 112
Form M_{n+1} 114 (<T", S'ors">)
P^{th} Iteration? 116
YES
NO
Encrypted Final Image G

TOSTO "95T95260

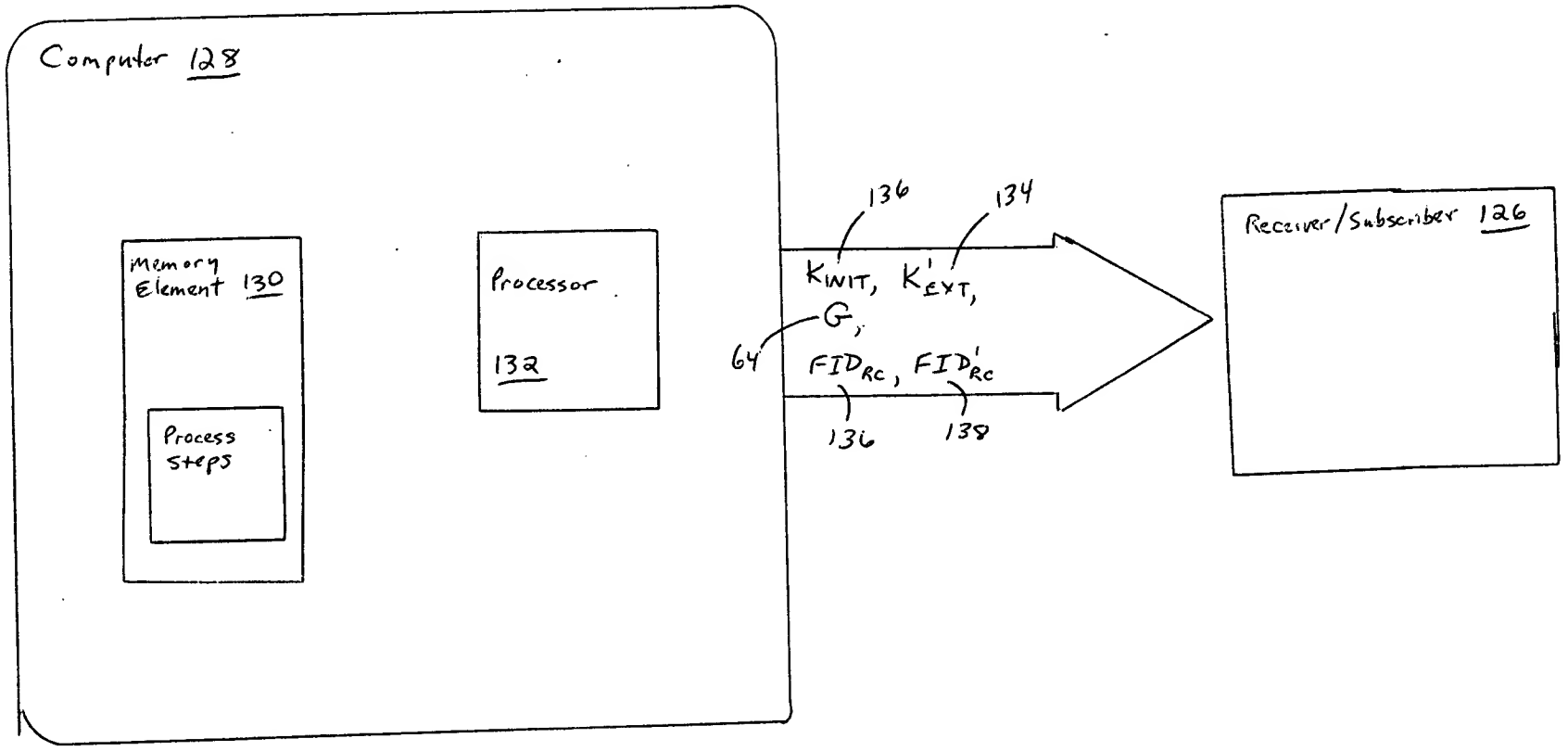


FIGURE 5